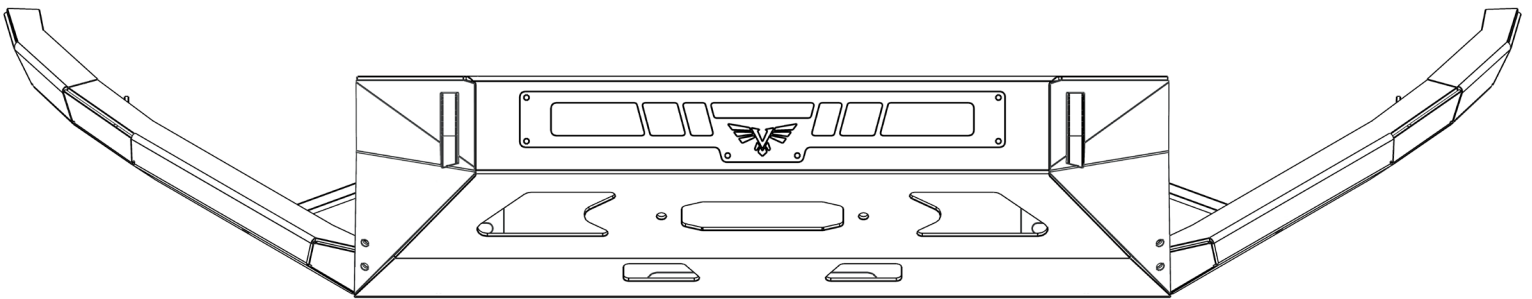




VICTORY4X4

# 14-22 TOYOTA 4RUNNER VIPER CUT HIGH CLEARANCE WINGS

## INSTALL INSTRUCTIONS



**Please read the mounting instructions below carefully before attempting to install.**

**Be sure to check out the install video on the product page, if available.**

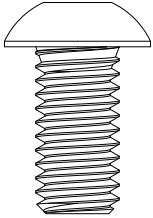
Thank you for purchasing from Victory 4x4! Checkout our website, [victory4x4.com](http://victory4x4.com) for other great off-road products. Be sure to rate and review our product online. If you have any questions or are missing parts, please don't hesitate to call us at 269-459-8447!

# INCLUDED HARDWARE

## INCLUDED BOLT PACK(S) 046-0156

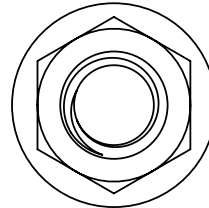
Note: Some Victory 4x4/JCR Offroad/SquatchProof products share hardware kits. Any extra hardware you may receive that is not listed below can be repurposed or discarded.

12x



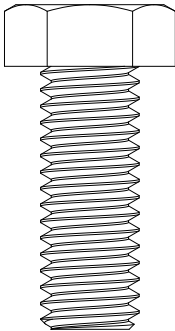
18-8, 3/8"-16 x 3/4" Long  
Black Oxide Button Heads

4x



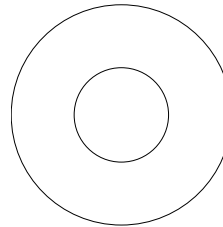
3/8"-16  
Flange Nuts

4x



3/8"-16-1  
Hex Cap

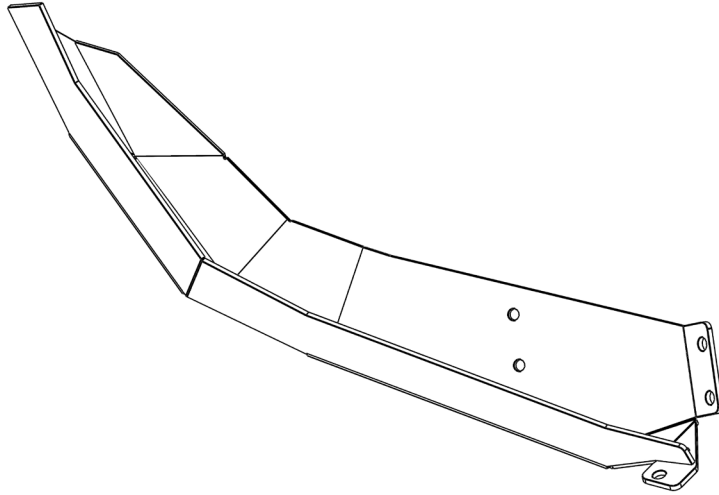
4x



5/16" USS  
Flat Washers

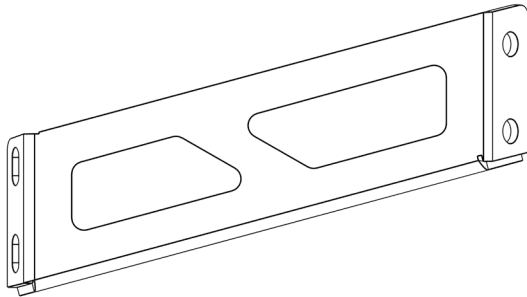
# INCLUDED PARTS

1L/1R



Wings

1L/1R



Mounting Brackets

# ASSEMBLY

1. Start by taking a sharpie and a measuring tape and marking your cut lines on the plastic fascia. Measure 2" down from gap in the plastic by the corner of the wheel well, as shown below in image (a). Then mark 10" down from the corner of your headlight with a flexible tape measure, also shown in image (b). Lastly, you will measure .5" down all along the edge of the fog light cut outs, shown in image (c).



**(a)**



**(b)**

# ASSEMBLY



(c)

- 2a.** Once you have all your markings on both sides of the vehicle, connect all of your lines or markings with painters tape or something similar. Start with the corner closest to the bumper, connecting the first (3) closest markings, as shown below.



# ASSEMBLY

- 2b.** Once you have the lower half of your tape lined up, tape another piece connecting it from lower section to the mark closest to the wheel well. Refer to the image below as reference.





# ASSEMBLY

3. With all of your tape in place on both sides of the vehicle, remove the (3) factory bolts inside of the wheel well that are holding the plastic fascia together using a 10 mm socket. Once those are removed, there will be (2) more bolts on the bottom to remove. With the hardware removed, pull back the plastic to verify that there are no wires or hoses in the way before you make your cut.



# ASSEMBLY

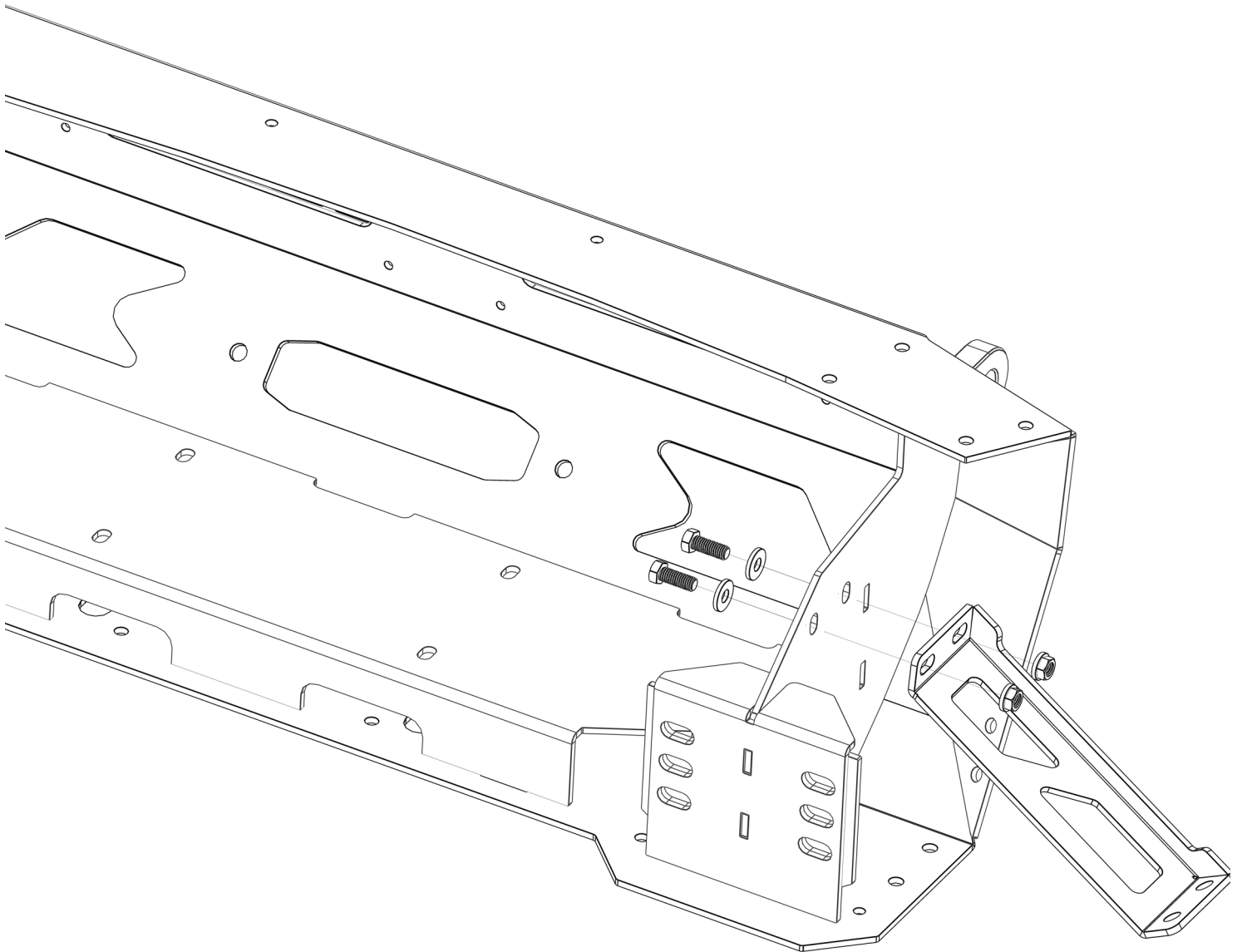
4. After double checking there will be no interference with your cut behind the fascia, take a 4 1/2" grinder with a cut off wheel, or your cutting tool of choice to make the cut and cut along the bottom of your tape. Once you have your plastic fully cut and removed, go back over the cut line and clean it up with a flap wheel sanding disc, as shown below. Repeat this process on both sides of the vehicle.





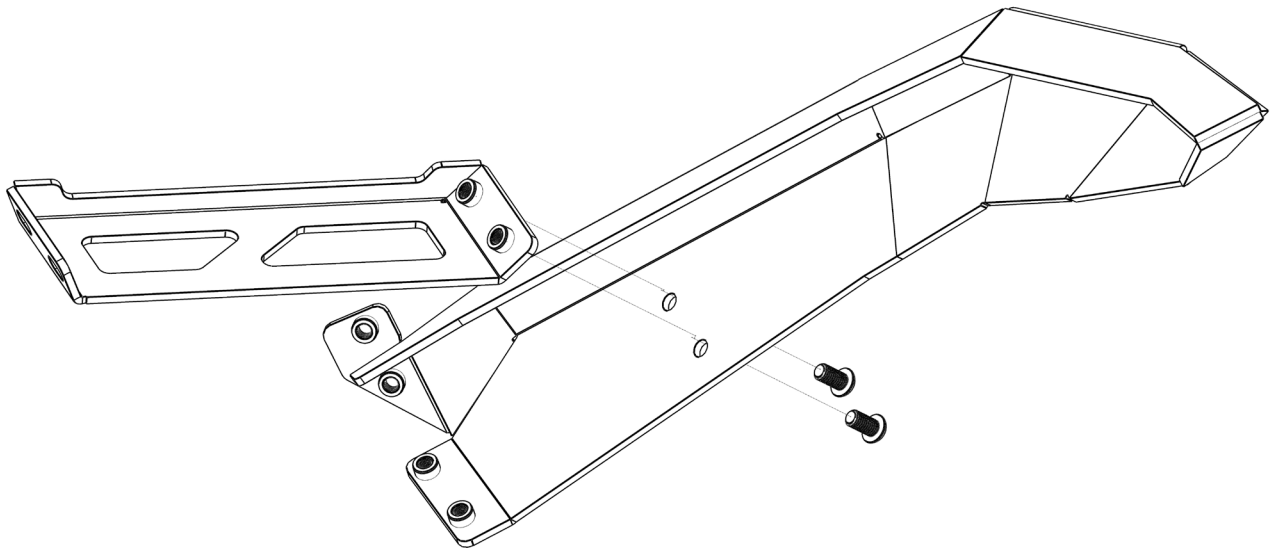
# ASSEMBLY

5. Take (1) of the provided mounting brackets and (2) of the hex bolts, washers and nuts and install them to the Blitz bumper through the two mounting holes as shown below. You will need to reach through the front of the bumper through the access holes to get to the holes. If you have an old production bumper without mounting holes for high clearance Viper wings, refer to the end of this document for template 3 to drill the needed holes in your Blitz bumper. Repeat this on both sides of the bumper.



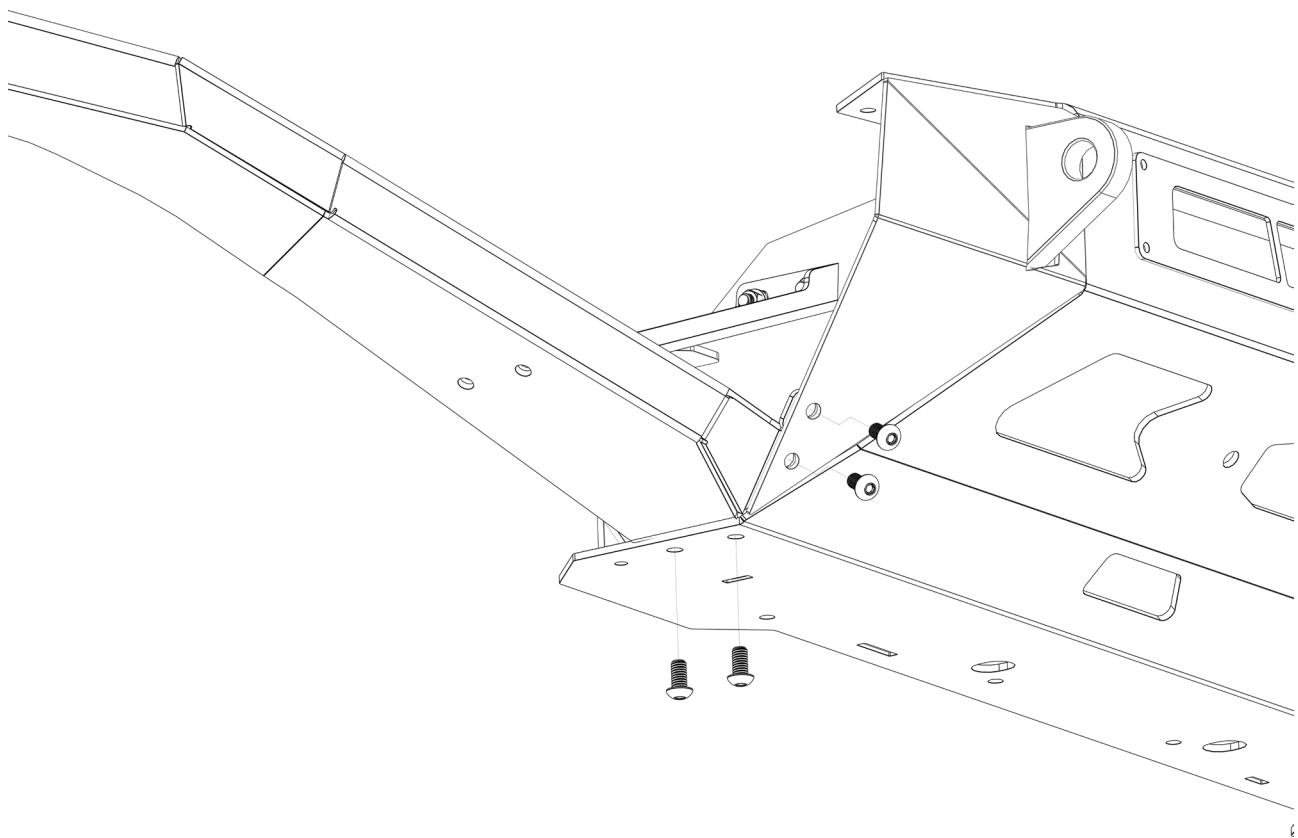
# ASSEMBLY

6. With your brackets in place on each side of the bumper, take the correct wing piece for the side you're working on, and (2) of the provided button heads. Insert the button heads up through the bottom of the wing and into the captive nuts on the bracket, as shown below. Be sure to do this on both sides on the vehicle.



# ASSEMBLY

7. With the wings hanging loosely, take (4) more of the provided button heads bolts per side, and install them loosely through the bumper holes and into the captivated nuts in the wings as shown below. After all (8) bolts are loosely installed, you can fully tighten them. Refer to template 1 (bottom of the bumper) & 2 (front of the bumper) at the end of this document for drill points, if you have an older Victory4x4 Blitz bumper that does not have existing mounting holes for high clearance Viper wings.



# ASSEMBLY

8. Once your wings are in place on both sides and all of the hardware is tight to the bumper, you will need to go back into the wheel wells and trim the inner fender for maximum clearance. See picture below for our recommended cut line (outlined in red). You can also re-install the top (2) factory bolts at this time, since that part of the fender won't be trimmed off. The driver side will differ slightly, as there will be no Washer Bottle to deal with.





# ASSEMBLY

9. With the inner fender trimmed and out of the way, you may need to do some modification to get the wires out of the way. We drilled a couple holes and used a Christmas tree clip and some zip ties to keep the wires away from the washer bottle and keep the hoses together.



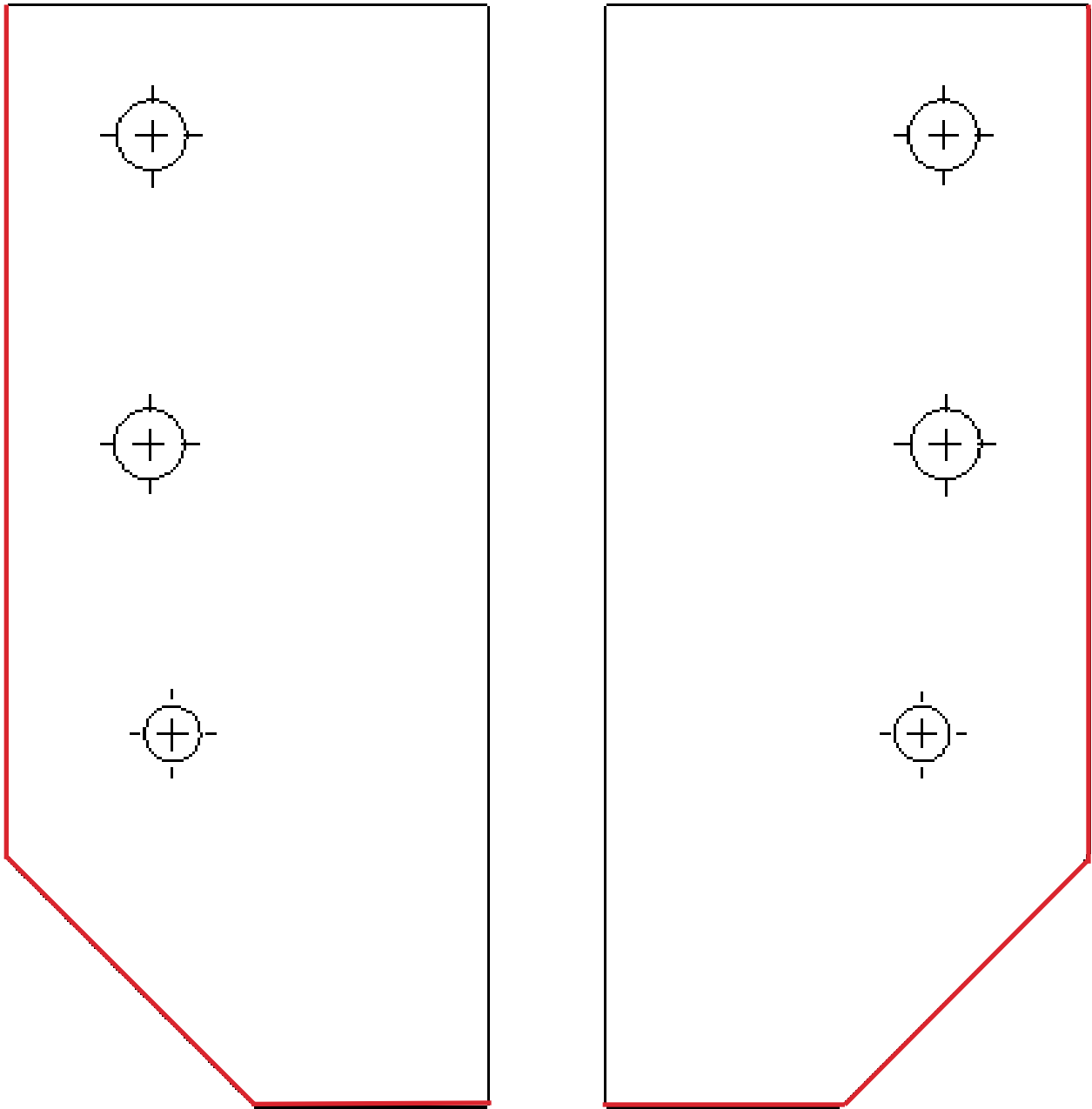
# ASSEMBLY

10. Ensure that all of your hardware is tight, and all wires and hoses are routed out of the way to complete your install. And that's it! You are now equipped with our Viper high cut clearance protection wings. Be sure to check out [victory4x4.com](http://victory4x4.com) for other 4Runner products and more of your overlanding and off-road needs!



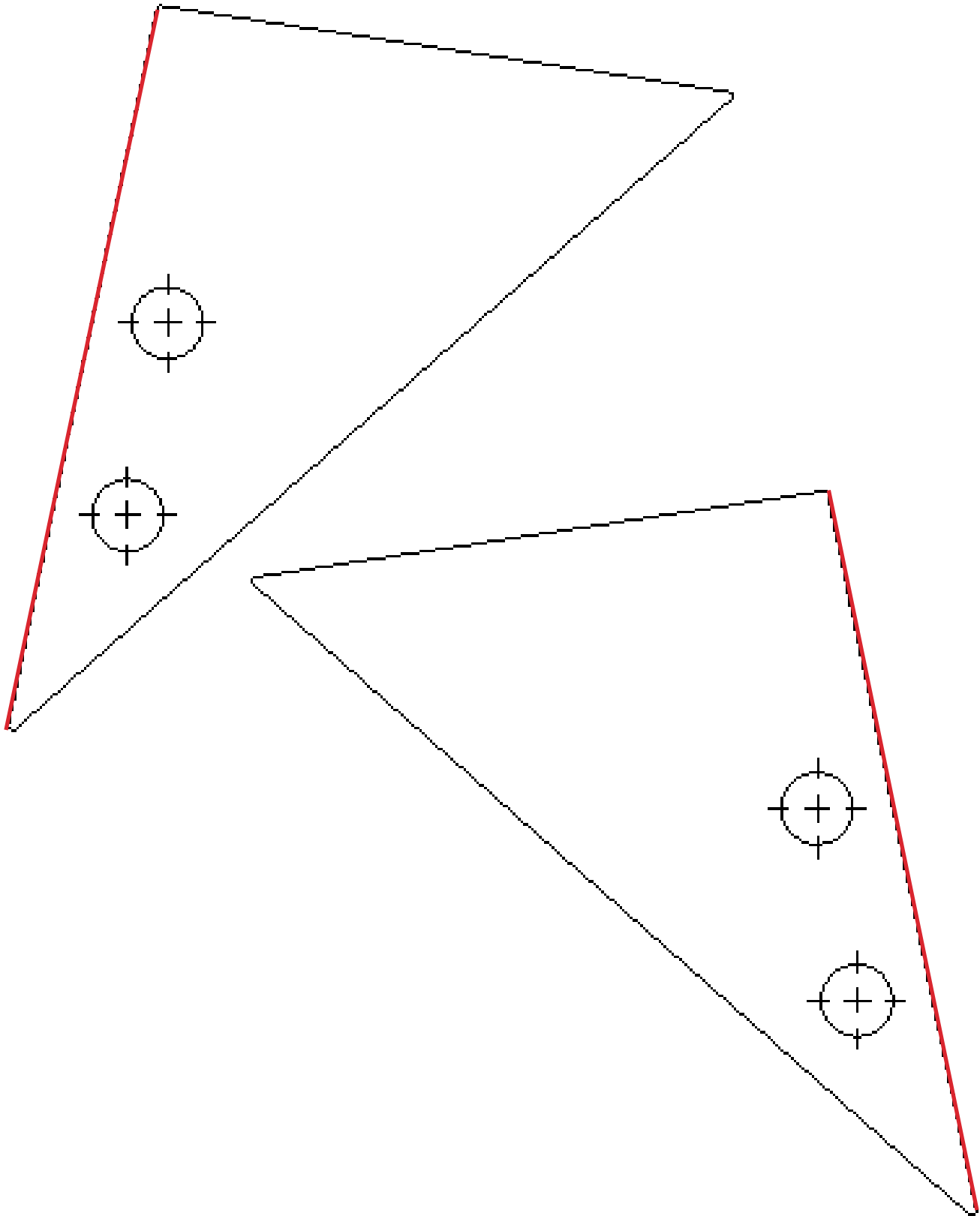
# TEMPLATE 1

Before printing off, make sure these are at 1:1 scale to ensure proper fitment and alignment. Line up the red lines to the outside of the bumper on the bottom face, as referenced in step 7. The smaller hole will already be in the bumper as another reference you can line up with before marking and drilling your (2) larger holes per side.



# TEMPLATE 2

Line up the red lines to the outside of the bumper on the front face as referenced in step 7 before marking and drilling your (2) holes per side.





# TEMPLATE 3

Line up the red lines with the top 2 edges of the mounting gussets referenced in step 5 before marking and drilling your (2) holes per side.

